Main switch, T0, 20 A, surface mounting, 4 contact unit(s), 8-pole, STOP function, With black rotary handle and locking ring, Lockable in the 0 (Off) position



Part no. T0-4-8344/I1/SVB-SW 207164

Product name	Eaton Moeller® series TO Main switch
Part no.	T0-4-8344/I1/SVB-SW
EAN	4015082071646
Product Length/Depth	137 millimetre
Product height	130 millimetre
Product width	80 millimetre
Product weight	0.348 kilogram
Certifications	IEC/EN 60947-3 VDE 0660 IEC/EN 60204 IEC/EN 60947
Product Tradename	TO TO
Product Type	Main switch
Product Sub Type	None
Globally Marketable	Yes
Features	Version as maintenance-/service switch Version as main switch
Fitted with:	Black rotary handle and locking ring
Functions	Interlockable STOP function
Locking facility	Lockable in the 0 (Off) position
Number of poles	8
Degree of protection	NEMA 12
Degree of protection (front side)	IP65
Lifespan, mechanical	400,000 Operations
Mounting method	Surface mounting
Mounting position	As required
Number of contact units	4
Operating frequency	1200 Operations/h
Overvoltage category	III
Pollution degree	3
Rated impulse withstand voltage (Uimp)	6000 V AC
Safe isolation	440 V AC, Between the contacts, According to EN 61140
Safety parameter (EN ISO 13849-1)	B10d values as per EN ISO 13849-1, table C.1
Shock resistance	15 g, Mechanical, According to IEC/EN 60068-2-27, Half-sinusoidal shock 20 ms
Suitable for	Ground mounting
Switching angle	90 °
Ambient operating temperature - min	-25 °C
Ambient operating temperature - max	40 °C
Ambient operating temperature (enclosed) - min	-25 °C
Ambient operating temperature (enclosed) - max	40 °C
Climatic proofing	Damp heat, cyclic, to IEC 60068-2-30 Damp heat, constant, to IEC 60068-2-78
Terminal capacity	1 x (1 - 2.5) mm <sup>2</sup> , solid or stranded 2 x (1 - 2.5) mm <sup>2</sup> , solid or stranded 1 x (0.75 - 2.5) mm <sup>2</sup> , flexible with ferrules to DIN 46228

	2 x (0.75 - 2.5) mm², flexible with ferrules to DIN 46228
Screw size	M3.5, Terminal screw
Tightening torque	8.8 lb-in, Screw terminals 1 Nm, Screw terminals
	Thing coon diminal
Rated breaking capacity at 220/230 V (cos phi to IEC 60947-3)	100 A
Rated breaking capacity at 400/415 V (cos phi to IEC 60947-3)	110 A
Rated breaking capacity at 500 V (cos phi to IEC 60947-3)	80 A
Rated breaking capacity at 660/690 V (cos phi to IEC 60947-3)	60 A
Rated operational current (le) at AC-3, 220 V, 230 V, 240 V	11.5 A
Rated operational current (Ie) at AC-3, 380 V, 400 V, 415 V	11.5 A
Rated operational current (Ie) at AC-3, 500 V	9 A
Rated operational current (le) at AC-3, 660 V, 690 V	4.9 A
Rated operational current (le) at AC-21, 440 V	20 A
Rated operational current (le) at AC-23A, 230 V	13.3 A
Rated operational current (le) at AC-23A, 400 V, 415 V	13.3 A
Rated operational current (le) at AC-23A, 500 V	13.3 A
Rated operational current (Ie) at AC-23A, 690 V	7.6 A
Rated operational current (Ie) at DC-1, load-break switches I/r = 1 ms	10 A
Rated operational current (Ie) at DC-13, control switches L/R = 50 ms	10 A
Rated operational current (le) at DC-21, 240 V	1 A
Rated operational current (Ie) at DC-23A, 24 V	10 A
Rated operational current (le) at DC-23A, 48 V	10 A
Rated operational current (le) at DC-23A, 60 V	10 A
Rated operational current (le) at DC-23A, 120 V	5 A
Rated operational current (le) at DC-23A, 240 V	5 A
Rated operational current (Ie) star-delta at AC-3, 220/230 V	20 A
Rated operational current (le) star-delta at AC-3, 380/400 V	20 A
Rated operational current (le) star-delta at AC-3, 500 V	15.6 A
Rated operational current (le) star-delta at AC-3, 690 V	8.5 A
Rated operational power at AC-3, 380/400 V, 50 Hz	5.5 kW
Rated operational power at AC-3, 415 V, 50 Hz	5.5 kW
Rated operational power at AC-3, 500 V, 50 Hz	5.5 kW
Rated operational power at AC-3, 690 V, 50 Hz	4 kW
Rated operational power at AC-23A, 220/230 V, 50 Hz	3 kW
Rated operational power at AC-23A, 400 V, 50 Hz	5.5 kW
Rated operational power at AC-23A, 500 V, 50 Hz	7.5 kW
Rated operational power at AC-23A, 690 V, 50 Hz	5.5 kW
Rated operational power star-delta at 220/230 V, 50 Hz	5.5 kW
Rated operational power star-delta at 380/400 V, 50 Hz	7.5 kW
Rated operational power star-delta at 500 V, 50 Hz	7.5 kW
Rated operational power star-delta at 690 V, 50 Hz	5.5 kW
Rated operational voltage (Ue) at AC - min	690 V
Rated operational voltage (Ue) at AC - max	690 V
Rated uninterrupted current (Iu)	20 A
Uninterrupted current	Rated uninterrupted current lu is specified for max. cross-section.
Rated conditional short-circuit current (Iq)	6 kA
Rated short-time withstand current (Icw)	320 A, Contacts, 1 second 0.32 kA
Short-circuit protection rating	20 A gG/gL, Fuse, Contacts
Load rating	2 x I# (with intermittent operation class 12, 25 % duty factor) 1.3 x I# (with intermittent operation class 12, 60 % duty factor) 1.6 x I# (with intermittent operation class 12, 40 % duty factor)
Number of contacts in series at DC-21A, 240 V	1
Number of contacts in series at DC-23A, 24 V	1

Number of contacts in series at DC-28A, 18V 3 Number of contacts in series at DC-28A, 18V 5 Rated making capacity up to 88V Iros phi to IEDEN 82847-3) 130 A Voltage per contact pair in series S Control circuit reliability 1600 1600 1600 1600 1600 1600 1600 160	N. J. C. J. J. J. D. D. D. J.	
Number of contacts in series at DC-28A, 120 V Number of contacts in series at DC-28A, 201 V Sated making capacity by to 880 V (see pile to ECIEN 8997-3)  Voltage per contact pair in series  Control circuit reliability	Number of contacts in series at DC-23A, 48 V	2
Number of contacts in series at DC-21A, 201V 150 to IECEN 80947-3)  Voltage per contact pair in series  OV  Control circuit reliability  In alians per 188,800 evintching operations statistically determined, at 24 V DC, 10 molth of auxiliary contacts (change over contacts)  Number of auxiliary contacts (change over contacts)  Number of auxiliary contacts (change over contacts)  Number of auxiliary contacts (normally open contacts)  Actuator color  Actuator color  Actuator orior  Actuator policy  Equipment theat dissipation, current-dependent Pvid  Busk  Busk  Boor cauping relary drive  Equipment theat dissipation, current-dependent Pvid  Busk  Busk  Busk  Boor cauping relary drive  Busk  Busk  Boor cauping relary drive  Busk  Bus		
Rated making capacity up to 989 V (cos pla to IEC/EN 69947-3)  Voltage per contact pair in series  Control circuit rollability  I failure per 100,000 switching operations statistically determined, at 24 V DC, 10 m/N  Number of auxiliary contracts (change-over contracts)  0  Number of auxiliary contracts (change-over contracts)  0  Number of auxiliary contracts (change-over contracts)  0  Actuator color  Actuator volor  Actuator tolor  Actuator tolor  Actuator tolor  Actuator tolor  Actuator speech of auxiliary contracts (change-over contracts)  0 bour coupling ratery drive  Equipment heat dissipation, current-dependent Pvid  0 b W  Reat dissipation capacity Psics  0 W  Rated operational current for specified heat dissipation (in)  Rated operational dissipation, non-current-dependent Pvid  0 W  Rated operational dissipation, non-current-dependent Pvid  0 W  Rated operational dissipation, non-current-dependent Pvid  0 W  Rated operational dissipation, non-current dependent Pvid  0 W  Rated operational dissipation, non-current dependent Pvid  10.22 Corrosion on fresistance of insulating materials to normal heat in one of the specified point of the real dissipation (in)  10.23 New Indianal dissipation, non-current-dependent Pvid  10.24 Resistance of insulating materials to normal heat in out in vivide (IVV) radiation  10.25 Mechanical impact  10.25 Mechanical impact  10.26 Decension of a switching		
Voltage per contact pair in series  Centrol circuit reliability  I failure per 100,000 switching operations statistically determined, at 24 V DC, 10 mA)  Number of auxiliary contacts (change-over contacts)  0  Number of auxiliary contacts (change-over contacts)  0 a  Actuator color  Actuator vive  Door coupling rotary drive  Equipment heat dissipation, current-dependent Pvid  Actuator vive  Door coupling rotary drive  Equipment heat dissipation, current-dependent Pvid  Actuator vive  Door coupling rotary drive  Equipment heat dissipation current dependent Pvid  Actuator vive  Heat dissipation capacity Pdiss  OW  Heat dissipation or paper, which is a state of the service of	, , , , , , , , , , , , , , , , , , ,	
Control circuit reliability 1 failure per 100,000 switching operations statistically determined, at 24 V Dc. 10 m/A)  Number of auxiliary contacts (change-over contacts) 0 0  Number of auxiliary contacts inormally closed contacts) 0 0  Actuator color	Rated making capacity up to 690 V (cos phi to IEC/EN 60947-3)	130 A
mA) Number of auxiliary contacts (change-over contacts) Number of auxiliary contacts (normally closed contacts)  Actusior color Actusior color Actusior type Door coupling rotary drive  Equipment hard dissipation, current-dependent Pvid Head dissipation, capacity Pdiss OW Head dissipation, capacity Pdiss OW Heat dissipation operative Puis Heat dissipation, one protect pendent Pvid Heat dissipation on protect paper distances OW Heat dissipation on operative puis and actual dissipation of protection of actual current for specified hard dissipation (III) Static heat dissipation, one current-dependent Pvid Heat dissipation on operative Puis Heat dissipation, one current-dependent Pvid Heat dissipation, one current-dependent Pvis Heat dissipation and current for appendix sendent Pvis requirements.  10.2 Finate final dissipati	Voltage per contact pair in series	60 V
Number of auxiliary contacts (normally open contacts)  Number of auxiliary contacts (normally open contacts)  Actuator color  Actuator color  Actuator type  Door coupling rotary drive  Equipment heat dissipation, current-dependent Pvid  Heat dissipation capacity Pdiss  DW  Heat dissipation per pole, current-dependent Pvid  O.6 W  Rated operational current for specified heat dissipation (In)  20 A  Stalic heat dissipation, non-current-dependent Pvid  0.0 W  10.2.2 Corrosion resistance  Meets the product standard's requirements.  10.2.3 Verification of thermal stability of enclosures  Meets the product standard's requirements.  10.2.3 Resist of insul. mat. to abnormal heat/fire by internal elect. effects  10.2.4 Resistance to ultra-violet (IV) radiation  10.2.5 Michanical impact  Does not apply, since the entire switchgear needs to be evaluated.  10.2.1 Nacrification of assemblies  10.2.2 Internal impact  Does not apply, since the entire switchgear needs to be evaluated.  10.3 Degree of protection of assemblies  10.4 Clearances and creepage distances  Meets the product standard's requirements.  10.5 Protection against electric shock  Does not apply, since the entire switchgear needs to be evaluated.  10.6 Protection against electric shock  Does not apply, since the entire switchgear needs to be evaluated.  10.7 Internal electrical circuits and connections  Is the panel builder's responsibility.  10.3.2 Power-frequency electric stength  10.3.2 Power-frequency electric stength  10.3.3 Impulse workships devices and components  10.3.4 Testing of enclosures made of insulating material  10.1 Temperature rise  10.1 Temperature rise  10.2.5 Electromagnetic compatibility  Is the panel builder's responsibility. The specifications for the switchgear must be observed.  10.1 Temperature rise  10.1 Temperature rise  10.2 Electromagnetic compatibility  10.3.4 Testing of enclosures made of insulating material  10.1 Temperature rise  10.1 Temperature rise  10.2 Temperature rise  10.3.4 Testing of enclosures made of insulating mat	Control circuit reliability	
Actuator color Actuator color Actuator type Door coupling rotary drive Equipment heat dissipation, current-dependent Pvid Heat dissipation capacity Pdias OW Rated operational current for specified heat dissipation (apacity Pdias Rated operational current for specified heat dissipation (apacity Pdias Rated operational current for specified heat dissipation (in) 20 A Static heat dissipation, on-current-dependent Pvid Rated operational current for specified heat dissipation (in) 20 A Rated dissipation, on-current-dependent Pvs 0 W Rated dissipation, on-current-dependent Pvs 0 W Rests the product standard's requirements. 102.2.3 Verification of resistance of insulating materials to normal heat 102.3.1 Verification of resistance of insulating materials to normal heat 102.3.2 Verification of resistance of insulating materials to normal heat 102.2.3.3 Resist of insul. mat. to abnormal heat/fire by internal elect. offects 102.5.4 Lifting 0 bors not apply, since the entire switchgear needs to be evaluated. 102.5 Mechanical impact 0 Des not apply, since the entire switchgear needs to be evaluated. 102.6 Incorporation of assemblies 0 Des not apply, since the entire switchgear needs to be evaluated. 103.0 Equipment of switching devices and components 104.4 Clearances and creepage distances 105.6 Protection against electric shock 106.8 Incorporation of switching devices and components 107.1 Internal electrical circuits and connections 108.1 Internal electrical circuits and connections 109.2 Prover-fine placety evaluated strength 109.2 Prover-fine placety evaluated insulating material 109.3 Ingulse withstand voltage 109.4 Testing of enclosures made of insulating material 109.3 Ingulse withstand voltage 109.4 Testing of enclosures made of insulating material 10.10 Temperature rise 10.10 Temperature rise 10.11 Temperature rise 10.12 Electromagnetic compatibility 10.13 Mechanical function 10.15 Temperature rise 10.15 Temperature rise 10.16 Temperature rise 10.17 Temperature rise 10.18 Temperature rise 10.18 Temperature rise 10.	Number of auxiliary contacts (change-over contacts)	0
Actuator color Actuator type Door coupling rotary drive  Equipment heat dissipation, current-dependent Pvid O.6 W Heat dissipation capacity Pdiss OW Heat dissipation per pole, current-dependent Pvid O.6 W Rated operational current for specified heat dissipation (In) Static heat dissipation resistance OW 10.22 Corresion resistance Meets the product standard's requirements. OW 10.23.1 Verification of thermal stability of enclosures Meets the product standard's requirements. OW 10.23.2 Verification of resistance of insulating materials to normal heat Meets the product standard's requirements. OW 10.23.3 Resist of insul. mat. to abnormal heat/fire by internal elect. effects Meets the product standard's requirements. OW 10.23.4 Resistance out furti-a-violet (UV) radiation UV resistance only in connection with protective shield. Obes not apply, since the entire switchgear needs to be evaluated. Obes not apply, since the entire switchgear needs to be evaluated. Obes not apply, since the entire switchgear needs to be evaluated. Obes not apply, since the entire switchgear needs to be evaluated. Obes not apply, since the entire switchgear needs to be evaluated. Obes not apply, since the entire switchgear needs to be evaluated. Obes not apply, since the entire switchgear needs to be evaluated. Obes not apply, since the entire switchgear needs to be evaluated. Obes not apply, since the entire switchgear needs to be evaluated. Obes not apply, since the entire switchgear needs to be evaluated. Obes not apply, since the entire switchgear needs to be evaluated. Obes not apply, since the entire switchgear needs to be evaluated. Obes not apply, since the entire switchgear needs to be evaluated. Obes not apply, since the entire switchgear needs to be evaluated. Obes not apply, since the entire switchgear needs to be evaluated. Obes not apply, since the entire switchgear needs to be evaluated. Obes not apply, since the entire switchgear needs to be evaluated. Obes not apply, since the entire switchgear needs to be evaluated. Obes	Number of auxiliary contacts (normally closed contacts)	0
Actuator type  Equipment heat dissipation, current-dependent Pvid  Heat dissipation capacity Pdiss  Dow  Gas W  Rated operational current for specified heat dissipation (In)  Static heat dissipation, non-current-dependent Pvid  Rated operational current for specified heat dissipation (In)  Static heat dissipation, non-current-dependent Pvid  Rated operational current for specified heat dissipation (In)  Static heat dissipation, non-current-dependent Pvs  DW  Static heat dissipation, non-current-dependent Pvs  DW  Meets the product standard's requirements.  Do 3.1 Verification of resistance of insulating materials to normal heat  Rests the product standard's requirements.  Du's resistance to ultra-violet (IVI) radiation  UV resistance only in connection with protective shield.  Does not apply, since the entire svirtchgear needs to be evaluated.  Does not apply, since the entire svirtchgear needs to be evaluated.  Rests the product standard's requirements.  Rests the product st	Number of auxiliary contacts (normally open contacts)	0
Actuator type  Equipment heat dissipation, current-dependent Pvid  Heat dissipation capacity Pdiss  Dow  Gas W  Rated operational current for specified heat dissipation (In)  Static heat dissipation, non-current-dependent Pvid  Rated operational current for specified heat dissipation (In)  Static heat dissipation, non-current-dependent Pvid  Rated operational current for specified heat dissipation (In)  Static heat dissipation, non-current-dependent Pvs  DW  Static heat dissipation, non-current-dependent Pvs  DW  Meets the product standard's requirements.  Do 3.1 Verification of resistance of insulating materials to normal heat  Rests the product standard's requirements.  Du's resistance to ultra-violet (IVI) radiation  UV resistance only in connection with protective shield.  Does not apply, since the entire svirtchgear needs to be evaluated.  Does not apply, since the entire svirtchgear needs to be evaluated.  Rests the product standard's requirements.  Rests the product st	Actuator color	Black
Equipment heat dissipation, current-dependent Pvid Heat dissipation per pole, current-dependent Pvid  Astatic heat product standard sequirements.  20 A Static heat dissipation per pole, current-dependent Pvid  Astatic heat dissipation, non-current-dependent Pvis  10 23 A Static heat dissipation, non-current-dependent Pvs  0 W  10 22 Corrosion resistance Meets the product standard's requirements.  10 2.3.1 Verification of thermal stability of enclosures Meets the product standard's requirements.  10 2.3.3 Resists of insul. mat. to ahonomal heat/fire by internal elect. effects  10 2.4 Resistance to ultra-violet (UV) radiation  10 2.5 Lifting Does not apply, since the entire switchgear needs to be evaluated.  10 2.5 Lifting Does not apply, since the entire switchgear needs to be evaluated.  10 2.7 Inscriptions Meets the product standard's requirements.  10 Average of protection of assemblies Meets the product standard's requirements.  10 Does not apply, since the entire switchgear needs to be evaluated.  10 Does not apply, since the entire switchgear needs to be evaluated.  10 Does not apply, since the entire switchgear needs to be evaluated.  10 A Clearances and creepage distances Meets the product standard's requirements.  10 Does not apply, since the entire switchgear needs to be evaluated.  10 Frotection against electric shock Does not apply, since the entire switchgear needs to be evaluated.  10 Frotection against electric shock Does not apply, since the entire switchgear needs to be evaluated.  10 Frotection against electric shock Does not apply, since the entire switchgear needs to be evaluated.  10 Frotection against electric shock Does not apply, since the entire switchgear needs to be evaluated.  10 Frotection against electric shock Does not apply, since the entire switchgear needs to be evaluated.  10 Frotection against electric shock Does not apply, since the entire switchgear needs to be evaluated.  10 Frotection against electric shock Does not apply, since the entire switchgear needs to be evaluated.		
Heat dissipation capacity Pdiss  Heat dissipation per pole, current-dependent Pvid  Rated operational current for specified heat dissipation (In)  Static heat dissipation, non-current-dependent Pvs  OW  Meets the product standard's requirements.  10.2.3.1 Verification of resistance  Meets the product standard's requirements.  10.2.3.2 Verification of resistance of insulating materials to normal heat  10.2.3.2 Verification of resistance of insulating materials to normal heat  10.2.3.3 Resist of insul mat. to abnormal heat/fire by internal elect. effects  Meets the product standard's requirements.  10.2.3.4 Resistance to ultra-violet (UV) radiation  UV resistance only in connection with protective shield.  10.2.5 Lifting  Does not apply, since the entire switchgear needs to be evaluated.  10.2.7 Inscriptions  Meets the product standard's requirements.  Meets the product standard's requirements.  Meets the product standard's requirements.  10.3.1 Degree of protection of assemblies  Does not apply, since the entire switchgear needs to be evaluated.  10.4 Clearances and creepage distances  Meets the product standard's requirements.  10.5 Protection against electric shock  Does not apply, since the entire switchgear needs to be evaluated.  10.5 Incorporation of switching devices and components  Does not apply, since the entire switchgear needs to be evaluated.  10.5 Incorporation of switching devices and components  Does not apply, since the entire switchgear needs to be evaluated.  10.5 Incorporation of switching devices and components  Learned to the entire switchgear needs to be evaluated.  10.6 Incorporation of switching devices and components  Learned to the entire switchgear needs to be evaluated.  10.7 Internal electrical circuits and connections  Learned builder's responsibility.  10.8 Connections for external conductors  Learned builder's responsibility.  10.9.2 Power-frequency electric strength  Learned builder's responsibility.  10.9.3 Impulse withstand voltage  Learned builder's responsibility.  10.9.4 Te	Actuator type	Door Coupling rotary unive
Heat dissipation capacity Pdiss  Heat dissipation per pole, current-dependent Pvid  Rated operational current for specified heat dissipation (In)  Static heat dissipation, non-current-dependent Pvs  OW  Meets the product standard's requirements.  10.2.3.1 Verification of resistance  Meets the product standard's requirements.  10.2.3.2 Verification of resistance of insulating materials to normal heat  10.2.3.2 Verification of resistance of insulating materials to normal heat  10.2.3.3 Resist of insul mat. to abnormal heat/fire by internal elect. effects  Meets the product standard's requirements.  10.2.3.4 Resistance to ultra-violet (UV) radiation  UV resistance only in connection with protective shield.  10.2.5 Lifting  Does not apply, since the entire switchgear needs to be evaluated.  10.2.7 Inscriptions  Meets the product standard's requirements.  Meets the product standard's requirements.  Meets the product standard's requirements.  10.3.1 Degree of protection of assemblies  Does not apply, since the entire switchgear needs to be evaluated.  10.4 Clearances and creepage distances  Meets the product standard's requirements.  10.5 Protection against electric shock  Does not apply, since the entire switchgear needs to be evaluated.  10.5 Incorporation of switching devices and components  Does not apply, since the entire switchgear needs to be evaluated.  10.5 Incorporation of switching devices and components  Does not apply, since the entire switchgear needs to be evaluated.  10.5 Incorporation of switching devices and components  Learned to the entire switchgear needs to be evaluated.  10.6 Incorporation of switching devices and components  Learned to the entire switchgear needs to be evaluated.  10.7 Internal electrical circuits and connections  Learned builder's responsibility.  10.8 Connections for external conductors  Learned builder's responsibility.  10.9.2 Power-frequency electric strength  Learned builder's responsibility.  10.9.3 Impulse withstand voltage  Learned builder's responsibility.  10.9.4 Te	Equipment heat discination current dependent Drid	0.6 W
Heat dissipation per pole, current-dependent Pvid  Rated operational current for specified heat dissipation (In)  Static heat dissipation, non-current-dependent Pvs  0 W  Meets the product standard's requirements.  10.2.3.1 Verification of resistance of insulating materials to normal heat  10.2.3.2 Verification of resistance of insulating materials to normal heat  10.2.3.3 Resists. of insul. mat. to abnormal heat/fire by internal elect. effects  10.2.4.4 Resistance to ultra-violet (UV) radiation  10.2.5 Lifting  10.2.6 Meets the product standard's requirements.  10.2.6 Meets the product standard's requirements.  10.2.7 Lifting  10.2.8 Meets the product standard's requirements.  10.2.8 Meets the product standard's requirements.  10.2.9 Lifting  10.2.1 Lifting  10.2.1 Lifting  10.3.3 Impulse withstand voltage  10.3.3 Impulse withstand voltage  10.3.3 Impulse withstand voltage  10.4.1 Expective the entire switchgear needs to be evaluated.  10.3.3 Lifting  10.4.1 Expective the entire switchgear needs to be evaluated.  10.5.1 Lifting  10.5.1 Lifting  10.5.2 Lifting  10.5.3 Lifting  10.5.4 Lifting  10.6.4 Lifting  10.7.4 Lifting  10.8 Lifting  10.9 Lifting  10.9 Lifting  10.9 Lifting		
Rated operational current for specified heat dissipation (In)  Static heat dissipation, non-current-dependent Pvs  OW  10.2.2 Corrosion resistance  Meets the product standard's requirements.  10.2.3.1 Verification of thermal stability of enclosures  Meets the product standard's requirements.  10.2.3.2 Verification of resistance of insulating materials to normal heat  10.2.3.3 Resist. of insul, mat. to abnormal heat/fire by internal elect. effects  Meets the product standard's requirements.  10.2.4 Resistance to ultra-violet (UV) radiation  UV resistance only in connection with protective shield.  10.2.5 Lifting  Does not apply, since the entire switchgear needs to be evaluated.  10.2.6 Meethanical impact  Does not apply, since the entire switchgear needs to be evaluated.  10.2.7 Inscriptions  Meets the product standard's requirements.  10.3 Degree of protection of assemblies  Does not apply, since the entire switchgear needs to be evaluated.  10.4 Clearances and creepage distances  Meets the product standard's requirements.  10.5 Protection against electric shock  Does not apply, since the entire switchgear needs to be evaluated.  10.6 Incorporation of switching devices and components  Does not apply, since the entire switchgear needs to be evaluated.  10.6 Incorporation of switching devices and components  Does not apply, since the entire switchgear needs to be evaluated.  10.8 Connections for external conductors  Is the panel builder's responsibility.  10.9.2 Power-frequency electric strength  Is the panel builder's responsibility.  10.9.2 Power-frequency electric strength  Is the panel builder's responsibility.  10.9.4 Testing of enclosures made of insulating material  10.1 Temperature rise  The panel builder's responsibility.  10.2 The panel builder's responsibility.  10.3 Impulse withstand voltage  Is the panel builder's responsibility.  10.4 Testing of enclosures made of insulating material  10.5 Internal electrications for the switchgear must be observed.		
Static heat dissipation, non-current-dependent Pvs  Meets the product standard's requirements.  10.2.3.1 Verification of thermal stability of enclosures  Meets the product standard's requirements.  10.2.3.2 Verification of resistance of insulating materials to normal heat  10.2.3.3 Resist. of insul. mat. to abnormal heat/fire by internal elect. effects  Meets the product standard's requirements.  10.2.3.8 Resist. of insul. mat. to abnormal heat/fire by internal elect. effects  Meets the product standard's requirements.  10.2.4 Resistance to ultra-violat (UV) radiation  UV resistance only in connection with protective shield.  10.2.5 Lifting  Does not apply, since the entire switchgear needs to be evaluated.  10.2.7 Inscriptions  Meets the product standard's requirements.  10.3 Degree of protection of assemblies  Does not apply, since the entire switchgear needs to be evaluated.  10.4 Clearances and creepage distances  Meets the product standard's requirements.  10.5 Protection against electric shock  Does not apply, since the entire switchgear needs to be evaluated.  10.6 Incorporation of switching devices and components  Does not apply, since the entire switchgear needs to be evaluated.  10.7 Internal electrical circuits and connections  Is the panel builder's responsibility.  10.8 Connections for external conductors  Is the panel builder's responsibility.  10.9.2 Power-frequency electric strength  Is the panel builder's responsibility.  10.9.4 Testing of enclosures made of insulating material  10.1 Step panel builder's responsibility.  10.2 The panel builder's responsibility.  10.3 Impulse withstand voltage  In panel builder's responsibility.  10.4 Testing of enclosures made of insulating material  10.5 the panel builder's responsibility.  10.6 the panel builder's responsibility.  10.7 Internal electrical circuit and connections for the switchgear must be observed.  10.11 Short-circuit rating  The panel builder's responsibility. The specifications for the switchgear must be observed.		
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## **Technical data ETIM 8.0**

Low-voltage industrial components (EG000017) / Switch disconnector (EC000216)

Electric engineering, automation, process control engineering / Low-voltage switch technology / Off-load switch, circuit breaker, control switch / Switch disconnector (ecl@ss10.0.1-27-37-14-03 [AKF060013])

	Yes
	Yes
	No
	No
	No
	1
V	V 690
	,

Rated operating voltage	V	690 - 690
Rated permanent current lu	Α	20
Rated permanent current at AC-23, 400 V	Α	13.3
Rated permanent current at AC-21, 400 V	Α	20
Rated operation power at AC-3, 400 V	kW	5.5
Rated short-time withstand current lcw	kA	0.32
Rated operation power at AC-23, 400 V	kW	5.5
Switching power at 400 V	kW	5.5
Conditioned rated short-circuit current Iq	kA	6
Number of poles		8
Number of auxiliary contacts as normally closed contact		0
Number of auxiliary contacts as normally open contact		0
Number of auxiliary contacts as change-over contact		0
Motor drive optional		No
Motor drive integrated		No
Voltage release optional		No
Device construction		Complete device in housing
Suitable for floor mounting		Yes
Suitable for front mounting 4-hole		No
Suitable for front mounting centre		No
Suitable for distribution board installation		No
Suitable for intermediate mounting		No
Colour control element		Black
Type of control element		Door coupling rotary drive
Interlockable		Yes
Type of electrical connection of main circuit		Screw connection
Degree of protection (IP), front side		IP65
Degree of protection (NEMA)		12